

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 1476 | 424/93.1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:54 |
| L2 | 34244 | (stem adj cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:54 |
| L3 | 446 | L1 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:56 |
| L4 | 65582 | (gene adj transfer) or (gene adj therapy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:56 |
| L5 | 5761 | L2 same L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:56 |
| L6 | 250017 | heart or cardiac or myocardium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:56 |
| L7 | 306 | L5 same L6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:56 |
| L9 | 10 | L3 and L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:57 |
| S10 | 33689 | (stem adj cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/26 12:54 |
| S11 | 64763 | (gene adj transfer) or (gene adj therapy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:03 |
| S12 | 5683 | S10 same S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:03 |
| S13 | 247437 | heart or cardiac or myocardium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:04 |

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| S14 | 296 | S12 same S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:04 |
| S15 | 20 | S14 and pacemaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:04 |
| S16 | 5 | S14 same (ion adj channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:04 |
| S17 | 33689 | stem adj cell | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:25 |
| S19 | 64763 | (gene adj therapy) or (gene adj transfer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:26 |
| S20 | 5683 | S17 same S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:26 |
| S21 | 8 | S20 same pacemaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:30 |
| S26 | 192 | S20 same heart | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:45 |
| S29 | 3 | S20 and HCN2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/10/28 16:45 |
| S30 | 12477 | ion adj channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:42 |
| S31 | 33969 | stem adj cell | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:22 |
| S32 | 3240843 | gene or compound | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:22 |
| S33 | 16887 | S31 same S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:22 |

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| S34 | 46 | S30 same S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:25 |
| S35 | 207372 | heart | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:25 |
| S36 | 3 | S34 same S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:29 |
| S37 | 7832 | HCN or HCN2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:29 |
| S38 | 39 | S35 same S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:29 |
| S39 | 91 | S30 same S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:29 |
| S40 | 2 | S38 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:30 |
| S41 | 710 | S33 same S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:30 |
| S42 | 16 | S41 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:33 |
| S43 | 11 | create adj ion adj channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 12:42 |
| S44 | 33969 | stem adj cell | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:19 |
| S45 | 3240843 | gene or compound | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:19 |
| S46 | 16887 | S44 same S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:19 |

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| S47 | 11 | S46 same pacemaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:20 |
| S48 | 9193 | S46 same (construct or vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:21 |
| S49 | 10 | S48 same (ion adj channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:22 |
| S50 | 46 | S46 same (ion adj channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:25 |
| S51 | 10 | "6387369" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:56 |
| S52 | 715 | connexin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:56 |
| S53 | 19 | S46 same S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:57 |
| S54 | 7867 | hcn2 or MiRp1 or Mink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 14:29 |
| S55 | 56 | S44 same S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:59 |
| S56 | 1 | S55 same (ion adj channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 13:59 |
| S57 | 5 | S52 same S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 14:07 |
| S58 | 56 | S44 same S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 14:29 |
| S59 | 7 | S58 and (mesenchymal adj stem adj cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/16 14:32 |

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| S60 | 9 | "6214620" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 10:41 |
| S62 | 5 | "20020022259" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 11:18 |
| S63 | 2149 | 424/93.21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 11:18 |
| S65 | 34038 | (stem adj cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 11:19 |
| S66 | 988 | S63 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 11:19 |
| S67 | 85 | S66 and (pacemaker or ion (w)channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/17 11:20 |
| S68 | 34116 | (stem adj cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:36 |
| S69 | 43 | S68 same gap adj junction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:39 |
| S70 | 2973948 | current or ion adj channel or pacemaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:40 |
| S71 | 2207 | S68 same S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:40 |
| S72 | 2234 | gap adj junction or connexin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:40 |
| S73 | 13 | S71 same S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:49 |
| S74 | 20 | "5130821" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 16:47 |

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| S75 | 59 | S71 and S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 17:09 |
| S76 | 30 | biological adj pacemaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 17:09 |
| S77 | 12532 | ion adj channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 17:09 |
| S78 | 12 | S76 and S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/11/22 17:10 |